

## STATEMENT OF BASIS

as required by LAC 33:IX.3109, for draft Louisiana Pollutant Discharge Elimination System Permit No. LA0111457; AI 83985; PER20040001 to discharge to waters of the State of Louisiana as per LAC 33:IX.2311.

The permitting authority for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality  
Office of Environmental Services  
P. O. Box 4313  
Baton Rouge, Louisiana 70821-4313

- I.       **THE APPLICANT IS:** St. Martin Parish Government  
Wastewater Treatment Plant at Sugarland Subdivision  
Post Office Box 9  
St. Martinville, LA 70582
- II.       **PREPARED BY:** Todd Franklin
- DATE PREPARED:** February 22, 2006
- III.       **PERMIT ACTION:** reissue LPDES permit LA0111457, AI 83985; PER20040001  
  
LPDES application received: November 12, 2004  
  
EPA has not retained enforcement authority.  
  
LPDES permit issued: June 1, 2000  
LPDES permit expired: May 31, 2005

## IV.       **FACILITY INFORMATION:**

- A.       The application is for the discharge of treated sanitary wastewater from a publicly owned treatment works serving the Sugarland Subdivision.
- B.       The permit application does not indicate the receipt of industrial wastewater.
- C.       The facility is located on West Berard Road in Cecilia, St. Martin Parish.
- D.       The treatment facility consists of an extended aeration mechanical treatment plant. Disinfection is by chlorination.
- E.       Outfall 001

Discharge Location:   Latitude 30° 20' 41" North  
                                  Longitude 91° 51' 2" West

Description:           treated sanitary wastewater

Design Capacity:       0.04 MGD

Type of Flow Measurement which the facility is currently using:

V-Notch Weir

**V. RECEIVING WATERS:**

The discharge is into an unnamed ditch; thence into Little Platte Canal; thence into Bayou Portage in segment 060211 of the Vermilion - Teche River Basin. This segment is not listed on the 303(d) list of impaired waterbodies.

The designated uses and degree of support for Segment 060211 of the Vermilion - Teche River Basin are as indicated in the table below<sup>1/</sup>:

Overall Degree of Support for Segment	Degree of Support of Each Use						
	Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
Partial	Full	Full	Not Supported	N/A	N/A	N/A	N/A

<sup>1/</sup>The designated uses and degree of support for Segment 060211 of the Vermilion - Teche River Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2004 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

**VI. ENDANGERED SPECIES:**

The receiving waterbody, Subsegment 060211 of the Vermilion-Teche River Basin, is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U. S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated October 21, 2005, from Watson (FWS) to Gautreaux (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

**VII. HISTORIC SITES:**

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

**VIII. PUBLIC NOTICE:**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit modification and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mr. Todd Franklin  
Permits Division  
Department of Environmental Quality  
Office of Environmental Services  
P. O. Box 4313  
Baton Rouge, Louisiana 70821-4313

IX.

**PROPOSED PERMIT LIMITS:**

Subsegment 060211; West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson, La., includes Bayou Portage; is not listed on LDEQ's Final 2004 303(d) list as impaired. However, subsegment 060211 was previously listed as impaired for organic enrichment / low DO, suspended solids, and turbidity/sedimentation/siltation, for which the below TMDLs have been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDLs and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDLs for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards.

The following TMDL's have been established for subsegment 060211:

**West Atchafalaya Basin Protection Levee Borrow Pit Canal TMDL for Dissolved Oxygen**

As per the TMDL, "no point source upgrades are recommended because there are no point source discharges that have a significant impact on DO in the Borrow Pit Canal." Therefore, the permit limits shall remain as previously permitted. The previous permit limits were based on a Wasteload Allocation for Bayou Boeuf (WLA 90.02). In this document (EDMS document ID 30213677), it states all point source dischargers in Segment 0602 with a flow greater than 25,000 GPD should maintain the following limitations: 10 mg/l CBOD<sub>5</sub>, 2 mg/l NH<sub>3</sub>-N, and 5 mg/l minimum DO during the months of April through October and 20 mg/l CBOD<sub>5</sub>, 10 mg/l NH<sub>3</sub>-N, and 5 mg/l minimum DO during the months of November through March.

**Total Maximum Daily Load (TMDL) for TSS, Turbidity, and Siltation for the Bayou Teche Watershed**

"Point sources do not represent a significant source of TSS as defined in this TMDL. Point sources discharge primarily organic TSS, which does not contribute to habitat impairment resulting from sedimentation. Because the point sources are minor contributors and discharges of organic suspended solids from point sources are already addressed by LDEQ through their permitting of point sources to maintain water quality standards for DO, the WLAs for point source contributions were set to zero. This TMDL only addresses the landform contribution of TSS/sediment and does not address the insignificant point source contributions." Therefore, TSS limits shall remain as previously permitted.

**Final Effluent Limits:****OUTFALL 001**

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg. (lbs./day)	Monthly Avg.	Weekly Avg.	Basis
CBOD <sub>5</sub>				Limits are set in accordance with the <i>West Atchafalaya Basin Protection Levee Borrow Pit Canal TMDL for Dissolved Oxygen</i> and the Bayou Boeuf Wasteload Allocation (90.02)
April – October	N/A <sup>1</sup>	10 mg/l	15 mg/l	
November - March	N/A <sup>1</sup>	20 mg/l	30 mg/l	
TSS				Limits are set in accordance with the <i>TMDL for TSS, Turbidity, and Siltation for the Bayou Teche Watershed</i> and Best Professional Judgement.
April – October	N/A <sup>1</sup>	15 mg/l	23 mg/l	
November – March	N/A <sup>1</sup>	20 mg/l	30 mg/l	
Ammonia-Nitrogen				Limits are set in accordance with the <i>West Atchafalaya Basin Protection Levee Borrow Pit Canal TMDL for Dissolved Oxygen</i> and the Bayou Boeuf Wasteload Allocation (90.02)
April – October	N/A <sup>1</sup>	2 mg/l	4 mg/l	
November – March	N/A <sup>1</sup>	10 mg/l	20 mg/l	
Dissolved Oxygen <sup>2</sup>	---	5 mg/l	N/A	Limits are set in accordance with the <i>West Atchafalaya Basin Protection Levee Borrow Pit Canal TMDL for Dissolved Oxygen</i> and the Bayou Boeuf Wasteload Allocation (90.02)

<sup>1</sup> Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD<sub>5</sub> and TSS in terms of concentration.

<sup>2</sup> This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

**Other Effluent Limitations:****1) Fecal Coliform**

The discharge from this facility is into a water body which has a designated use of Primary

Contact Recreation. According to LAC 33:IX.1113.C.5.b.i, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Weekly Average) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

2) **pH**

According to LAC 33:IX.3705.A.1., POTW's must treat to at least secondary levels. Therefore, in accordance with LAC 33:IX.5905.C., the pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time.

3) **Solids and Foam**

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

**X.**

**PREVIOUS PERMITS:**

**LPDES Permit No. LA0111457:** Issued: June 1, 2000  
Expired: May 31, 2005

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		<u>Monitoring Requirements</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	Report	Report	1/week	Measure
CBOD <sub>5</sub>				
April – October	10 mg/l	15 mg/l	1/month	Grab
November – March	20 mg/l	30 mg/l	1/month	Grab
TSS				
April – October	15 mg/l	23 mg/l	1/month	Grab
November – March	20 mg/l	30 mg/l	1/month	Grab
Ammonia-Nitrogen				
April – October	2 mg/l	4 mg/l	1/month	Grab
November – March	10 mg/l	20 mg/l	1/month	Grab
Dissolved Oxygen	5 mg/l	---	1/month	Grab
Fecal Coliform				
Colonies/100 ml	200	400	1/month	Grab
pH	Range (6.0 su – 9.0 su)		1/month	Grab

**XI.**

**ENFORCEMENT AND SURVEILLANCE ACTIONS:**

**A) Inspections**

There have been no recent inspections performed for this facility.

**B) Compliance and/or Administrative Orders**

A review of the files indicates that no recent enforcement actions have been administered against this facility.

**C) DMR Review**

A review of the discharge monitoring reports for the period beginning July 2003 through June 2005 has revealed the following violations (please note that the DMR for the month of July 2004 was missing from the file):

Parameter	Outfall	Period of Excursion	Permit Limit	Reported Quantity
DO, Monthly Avg.	001	July 2003	5 mg/l minimum	4.5 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	July 2003	2 mg/l	4.2 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	July 2003	4 mg/l	4.2 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	August 2003	2 mg/l	3.6 mg/l
Fecal Coliform, Monthly Avg.	001	August 2003	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	August 2003	400 cfu/100 ml	>1,000 cfu/100 ml
TSS, Monthly Avg.	001	September 2003	15 mg/l	20 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	September 2003	2 mg/l	11.4 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	September 2003	4 mg/l	11.4 mg/l
Fecal Coliform, Monthly Avg.	001	September 2003	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	September 2003	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	September 2003	10 mg/l	12 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	October 2003	2 mg/l	13.8 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	October 2003	4 mg/l	13.8 mg/l
Fecal Coliform, Monthly Avg.	001	October 2003	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	October 2003	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	October 2003	10 mg/l	30 mg/l
CBOD <sub>5</sub> , Weekly Avg.	001	October 2003	15 mg/l	30 mg/l
TSS, Monthly Avg.	001	November 2003	20 mg/l	150 mg/l
TSS, Weekly Avg.	001	November 2003	30 mg/l	150 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	November 2003	10 mg/l	16.2 mg/l
Fecal Coliform, Monthly Avg.	001	November 2003	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	November 2003	400 cfu/100 ml	>1,000 cfu/100 ml
TSS, Monthly Avg.	001	December 2003	20 mg/l	132 mg/l
TSS, Weekly Avg.	001	December 2003	30 mg/l	132 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	December 2003	10 mg/l	14.5 mg/l
Fecal Coliform, Monthly Avg.	001	December 2003	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	December 2003	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	December 2003	20 mg/l	26 mg/l
TSS, Monthly Avg.	001	January 2004	20 mg/l	40 mg/l
TSS, Weekly Avg.	001	January 2004	30 mg/l	40 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	January 2004	10 mg/l	20.8 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	January 2004	20 mg/l	20.8 mg/l
Fecal Coliform, Monthly Avg.	001	January 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	January 2004	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	January 2004	20 mg/l	27 mg/l
DO, Monthly Avg.	001	February 2004	5 mg/l minimum	3.2 mg/l
TSS, Monthly Avg.	001	February 2004	20 mg/l	34 mg/l
TSS, Weekly Avg.	001	February 2004	30 mg/l	34 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	February 2004	10 mg/l	11.4 mg/l
Fecal Coliform, Monthly Avg.	001	February 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	February 2004	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	February 2004	20 mg/l	27 mg/l
DO, Monthly Avg.	001	March 2004	5 mg/l minimum	4.6 mg/l

## Statement of Basis

LA0111457; AI 83985; PER20040001

Page 7

TSS, Monthly Avg.	001	March 2004	20 mg/l	56 mg/l
TSS, Weekly Avg.	001	March 2004	30 mg/l	56 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	March 2004	10 mg/l	34.3 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	March 2004	20 mg/l	34.3 mg/l
Fecal Coliform, Monthly Avg.	001	March 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	March 2004	400 cfu/100 ml	>1,000 cfu/100 ml
DO, Monthly Avg.	001	April 2004	5 mg/l minimum	4.1 mg/l
TSS, Monthly Avg.	001	April 2004	15 mg/l	16 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	April 2004	2 mg/l	16.3 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	April 2004	4 mg/l	16.3 mg/l
Fecal Coliform, Monthly Avg.	001	April 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	April 2004	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	April 2004	10 mg/l	23 mg/l
CBOD <sub>5</sub> , Weekly Avg.	001	April 2004	15 mg/l	23 mg/l
DO, Monthly Avg.	001	May 2004	5 mg/l minimum	4.9 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	May 2004	2 mg/l	18.3 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	May 2004	4 mg/l	18.3 mg/l
Fecal Coliform, Monthly Avg.	001	May 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	May 2004	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	May 2004	10 mg/l	15 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	June 2004	2 mg/l	5.1 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	June 2004	4 mg/l	5.1 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	September 2004	2 mg/l	10.8 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	September 2004	4 mg/l	10.8 mg/l
Fecal Coliform, Monthly Avg.	001	September 2004	200 cfu/100 ml	640 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	September 2004	400 cfu/100 ml	640 cfu/100 ml
NH <sub>3</sub> -N, Monthly Avg.	001	October 2004	2 mg/l	36.8 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	October 2004	4 mg/l	36.8 mg/l
Fecal Coliform, Monthly Avg.	001	October 2004	200 cfu/100 ml	360 cfu/100 ml
DO, Monthly Avg.	001	November 2004	5 mg/l minimum	1.9 mg/l
TSS, Monthly Avg.	001	November 2004	20 mg/l	23 mg/l
Fecal Coliform, Monthly Avg.	001	November 2004	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	November 2004	400 cfu/100 ml	>1,000 cfu/100 ml
CBOD <sub>5</sub> , Monthly Avg.	001	November 2004	20 mg/l	26 mg/l
DO, Monthly Avg.	001	December 2004	5 mg/l minimum	2.1 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	December 2004	10 mg/l	13.4 mg/l
Fecal Coliform, Monthly Avg.	001	December 2004	200 cfu/100 ml	240 cfu/100 ml
DO, Monthly Avg.	001	January 2005	5 mg/l minimum	3.9 mg/l
TSS, Monthly Avg.	001	January 2005	20 mg/l	28 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	January 2005	10 mg/l	23.8 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	January 2005	20 mg/l	23.8 mg/l
Fecal Coliform, Monthly Avg.	001	January 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	January 2005	400 cfu/100 ml	>1,000 cfu/100 ml
DO, Monthly Avg.	001	February 2005	5 mg/l minimum	3.5 mg/l
TSS, Monthly Avg.	001	February 2005	20 mg/l	23 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	February 2005	10 mg/l	32.0 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	February 2005	20 mg/l	32.0 mg/l
Fecal Coliform, Monthly Avg.	001	February 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	February 2005	400 cfu/100 ml	>1,000 cfu/100 ml
DO, Monthly Avg.	001	March 2005	5 mg/l minimum	3.4 mg/l
TSS, Monthly Avg.	001	March 2005	20 mg/l	38 mg/l
TSS, Weekly Avg.	001	March 2005	30 mg/l	38 mg/l

## Statement of Basis

LA0111457; AI 83985; PER20040001

Page 8

NH <sub>3</sub> -N, Monthly Avg.	001	March 2005	10 mg/l	32.0 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	March 2005	20 mg/l	32.0 mg/l
Fecal Coliform, Monthly Avg.	001	March 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	March 2005	400 cfu/100 ml	>1,000 cfu/100 ml
DO, Monthly Avg.	001	April 2005	5 mg/l minimum	3.0 mg/l
TSS, Monthly Avg.	001	April 2005	15 mg/l	20 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	April 2005	2 mg/l	17.4 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	April 2005	4 mg/l	17.4 mg/l
Fecal Coliform, Monthly Avg.	001	April 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	April 2005	400 cfu/100 ml	>1,000 cfu/100 ml
DO, Monthly Avg.	001	May 2005	5 mg/l minimum	3.6 mg/l
NH <sub>3</sub> -N, Monthly Avg.	001	May 2005	2 mg/l	8.6 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	May 2005	4 mg/l	8.6 mg/l
Fecal Coliform, Monthly Avg.	001	May 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	May 2005	400 cfu/100 ml	>1,000 cfu/100 ml
NH <sub>3</sub> -N, Monthly Avg.	001	June 2005	2 mg/l	7.1 mg/l
NH <sub>3</sub> -N, Weekly Avg.	001	June 2005	4 mg/l	7.1 mg/l
Fecal Coliform, Monthly Avg.	001	June 2005	200 cfu/100 ml	>1,000 cfu/100 ml
Fecal Coliform, Weekly Avg.	001	June 2005	400 cfu/100 ml	>1,000 cfu/100 ml

## XII.

**ADDITIONAL INFORMATION:**

The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional water quality studies and/or TMDL's. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDLs for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as requested by the permittee and/or as necessary to achieve compliance with water quality standards. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

At present, the Monitoring Requirements, Sample Types, and Frequency of Sampling as shown in the permit are standard for facilities of flows between 0.02 and 0.10 MGD.

Effluent CharacteristicsMonitoring Requirements

	<u>Measurement</u>	<u>Sample</u>
	<u>Frequency</u>	<u>Type</u>
Flow	Continuous	Recorder
CBOD <sub>5</sub>	1/month	Grab
Total Suspended Solids	1/month	Grab
Ammonia-Nitrogen	1/month	Grab
Dissolved Oxygen	1/month	Grab
Fecal Coliform Bacteria	1/month	Grab
pH	1/month	Grab

**Pretreatment Requirements**

Based upon consultation with LDEQ pretreatment personnel, general pretreatment language will be used due to the lack of either an approved or required pretreatment program.



### **Pollution Prevention Requirements**

The permittee shall institute or continue programs directed towards pollution prevention. The permittee shall institute or continue programs to improve the operating efficiency and extend the useful life of the facility. The permittee will complete an annual Environmental Audit Report **each year** for the life of this permit according to the schedule below. The permittee will accomplish this requirement by completing an Environmental Audit Form which has been attached to the permit. All other requirements of the Municipal Wastewater Pollution Prevention Program are contained in Part II of the permit.

The audit evaluation period is as follows:

<b>Audit Period Begins</b>	<b>Audit Period Ends</b>	<b>Audit Report Completion Date</b>
Effective Date of Permit	12 Months from Audit Period Beginning Date	3 Months from Audit Period Ending Date

### **XIII**

#### **TENTATIVE DETERMINATION:**

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in this Statement of Basis.

### **XIV**

#### **REFERENCES:**

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 8, "Wasteload Allocations / Total Maximum Daily Loads and Effluent Limitations Policy," Louisiana Department of Environmental Quality, 2005.

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 5, "Water Quality Inventory Section 305(b) Report," Louisiana Department of Environmental Quality, 1998.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Chapter 11 - "Louisiana Surface Water Quality Standards," Louisiana Department of Environmental Quality, 2004.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Subpart 2 - "The LPDES Program," Louisiana Department of Environmental Quality, 2004.

Low-Flow Characteristics of Louisiana Streams, Water Resources Technical Report No. 22, United States Department of the Interior, Geological Survey, 1980.

Index to Surface Water Data in Louisiana, Water Resources Basic Records Report No. 17, United States Department of the Interior, Geological Survey, 1989.

LPDES Permit Application to Discharge Wastewater, St. Martin Parish Government, Wastewater Treatment Plant at Sugarland Subdivision, November 12, 2004.

**LOUISIANA WATER POLLUTION CONTROL FEE SYSTEM  
RATING WORKSHEET****PERMIT NO: LA0111457; AI 83985; PER20040001**

1. a. Company Name: St. Martin Parish Government  
b. Facility Name: Wastewater Treatment Plant at Sugarland Subdivision
2. Local Mailing Address: Post Office Box 9  
St. Martinville, LA 70582
3. Billing Address (If different):
4. Facility Location: West Berard Road  
a. Parish: St. Martin
5. Facility Type: publicly owned treatment works  
a. Treatment Process Used: extended aeration mechanical treatment plant. Disinfection is by chlorination.
6. Products Produced:  
a. Raw materials stored or used:  
b. By-products produced:
7. Primary SIC Code: 4952  
a. Other SIC Codes:
8. Fac. Manager: Suzanne Blanchard  
a. Telephone: (337) 394-2200
9. Owner:  
a. Telephone:
10. Env. Contact:  
a. Telephone:

11. State Permit No.: LA0111457	12. NPDES Permit No.
a. Date Issued: June 1, 2000	a. Effective Date:
b. New:                      Modified:	b. Expiration Date:

13. Number and Identification of Outfalls: One, 001
14. Number of Injection Wells:
15. Water Source(s):
16. Receiving Water(s): unnamed ditch; thence into Little Platte Canal; thence into Bayou Portage

Is receiving water:

- a. Public Water Supply Yes ( ) No ( X )  
b. Designated Water Quality Limited Yes ( X ) No ( )  
c. In Compliance with Water Quality Standards Yes ( X ) No ( )
17. River Basin: Vermilion - Teche 18. Basin Segment No. 060211  
Federal Tax I. D. No.: 72-6001273  
TOTAL RATING POINTS ASSIGNED 5.08 Initials of Rater: jtf